The Greatest Invention Ever Produced for Everyday Multiplication and Division

For special calculation work the heavy calculating machine is a necessity. But at your ordinary calculations the light Multi-Divi is easier to use, quicker, more handy and convenient.

A Great Timesaver

There are four sizes of the Multi-Divi, clearly illustrated on inside pages. The right size solves all your problems in no time: a mere flip on the index. and answers are available INSTANTLY.

Stops Waste

Put a copy of the Multi-Divi on every desk where figures are used, within easy reach, and you will find how the Multi-Divi stops wasteful mental figuring, speeding up accurate multiplication and division everywhere in your business.

Far Above Expectations

Read what users say, give the Multi-Divi a chance in your work, and you too will find it extremely useful, a wonderful time saver. . . .

When you have used the Multi-Divi throughout 10-15-20 years, you will highly prize your copy as an old, very faithful servant. . . .

Invented by an expert mathematician of Sweden, the Multi-Divi has been made on a small scale since 1916. Continuously improved it has grown to a world-article, and by this time more than 200,000 have been sold. It is now being sold by:

Made in Sweden

DIRECTIONS FOR USE

The Thumb-Index

Look how the numbers on index tab and opened columns correspond, and how to find any desired product instantly.

The entire index may be renewed by simply cutting away the lower part of the tabs when worn. This feature practically doubles the life of the book.

Interest

What is the interest on $961 for 97 days at 4 %? Multiply the number of dollars by the number of days, omitting the two last figures, and you get 932. Turn to the interest tables after tab 990. column 4, where you find that 900 = 10, and 32 = .36. Answer: 10 + .36 = 10.36.

Compound Interest Amortization

See page behind interest tables.

Table I gives the value of one dollar after 1 - 40 years, with 3% - 6% compound interest.

Table II gives the present value of a dollar a year, paid during 1 - 40 years at 3% - 6% interest.

The Technical Tables

are often handy for the engineer, craftsman, mechanic, or anyone whose work involves the use of squares, roots, logarithms, inverted values, etc.

Price Calculation

Table A on the last page gives the proper factors by which cost price should be multiplied in order to get correct sales price. — If you allow no discount and want to make 36% on the sales price, use column 0, line 36, and get the factor 1.56; or if you allow a discount of 15% and want to make 30% on the net sales price, use column 15, line 30, and get the factor 1.69.

If the multiplication of factor by cost price is made by the Multi-Divi, the merchant will get a scientific and accurate price calculation with a great saving of time and effort.

English Currency

Table B on last page makes it easy to convert shillings and pence into decimals of the pound, or the reverse.

Ex. £ 17—5—8 = 17.28333; 6.77083 = £ 6—15—5.

Mobile

is a practical loose leaf that comes with every Multi-Divi, kept handy on the inside of back cover. Mobile has columns for 1 - 9 and the most common fractions, of which anyone may be combined with any column in the Multi-Divi.

Ex. 964.2 x 55. Turn to column 964 in the Multi-Divi and column .2 on the Mobile and indicate with the fingertips the products 53020. and 11.0, both at line number 55. Mental addition gives the answer 53031. Simple rule: decimals overlapping!

Decimals End Ciphers

Treat numbers with decimals as whole numbers, simply pointing off as many places in the product as there are places in the factors combined. With numbers ending in ciphers, work disregarding the ciphers, but add them to the product.

Unlimited Multiplication

When the answer can be read off directly, the Multi-Divi is quicker than any machine. With larger numbers the following system reduces tedious multiplication to simple addition.

When one of the factors matches with a column in the Multi-Divi, turn to that column, and split the other factor in groups of two figures, always from right to left, as 4'76, 39'83, 5'36'27, etc.

```
50735
   97
-------
5083230
```

Ex. 695 x 73'14. Turn to column 695 and take down the products 695 x 73 = 50735, and 695 x 14 = 9730, as in illustration.

Rule. Every following product, as 9730, is written with the two last figures extending to the right. By writing the two last figures in every problem, as 30, directly under the line, we write less, and add less.

```
71415
 253920
   6903
---------
740232345
```

Ex. 7935 x 9'32'87. Turn to column 7935 in popular Triplex, and take down the products 7935 x 9 = 71415, 7935 x 32 = 253920 and 7935 x 87 = 690345, as illustrated.

In this way two or more products, taken from one and the same column, are easily added and the range of the Multi-Divi highly extended.

With larger numbers, up to the largest ones, one of the factors is split into column numbers by detaching groups of three figures, always from right to left, as 3'743, 56'921, 764'387, 4'036'214, etc., while the other factor is split into line numbers, as taught above.

```
   58090
466209420
  75630615
     2457
-------------
47279929615
```

Ex. 63'785 x 74'12'39. Turn to column 63 and take down the products 4662, 756 and 2457. Then turn to column 785 and take down the products 58090, 09420 and 30615, as illustrated. By writing products with five figures, like 09420, the form will be compact, without gaps.

Thus the Multi-Divi multiplies numbers of unlimited size.

Automatic Division

The principle of division is best explained by an example. 16744 ÷ 364. Turn to column 364, go down to product 16744, and the adjoining line number, 46, is the answer.

Following ingenious set-up is a Multi-Divi invention.

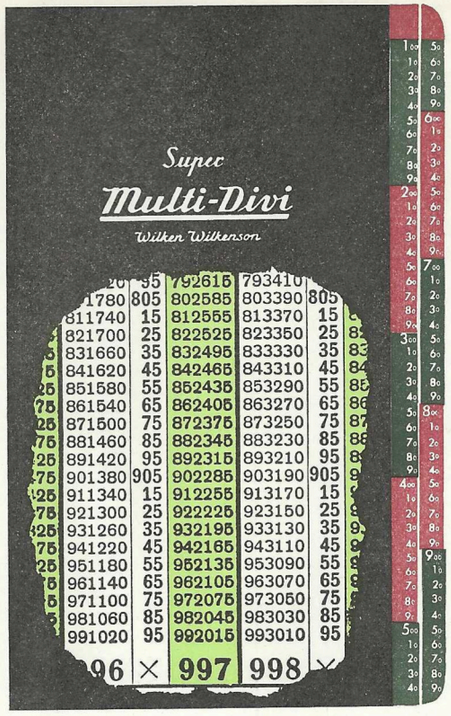
Ex. 3845,963 ÷ 27,3. Make the divisor a whole number by moving the decimal point one place to the right in both dividend and divisor. Turn to column 273 and look for the product nearest below 3845. This is 3822 at line number 14, which is written above the dividend so that the last figure of the line number, as 4, stands above the last figure made use of in the dividend. After the usual subtraction we find that 24024 is the product nearest 23963 and the adjoining line number, 88, is taken down in accordance with the above rule. Insert a cipher in the blank space between 14 and 88 and place the decimal point above the same in the dividend. Answer 140.88. —Note how the decimal point as well as eventual ciphers are placed in the answer quite automatically.

```
  140,88
38459,63
3822
  23
```

The Standard Multi-Divi contains 90 tables 999 x 99, of type illustrated above.

Ex. 975 x 9 = 8775
976 x 96 = 93696

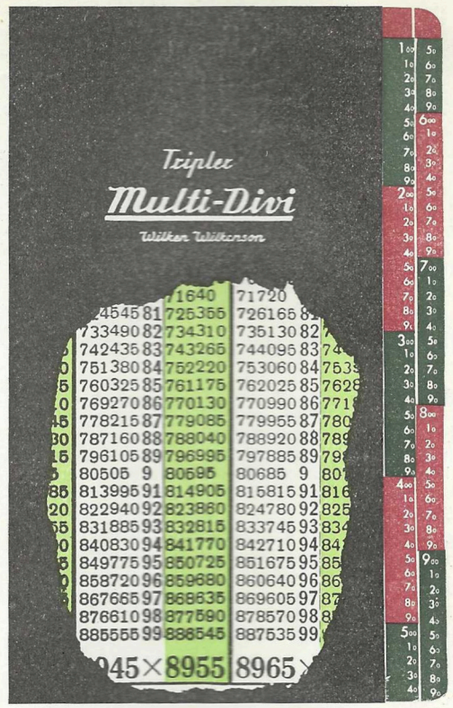
110 pages . . . 45 index tabs . . . Price $6.



The Super Multi-Divi contains the 90 Standard tables, plus 90 tables 999 x 995, of type shown above.

Ex, 997 x 835 = 832495
998 x 965 = 963070

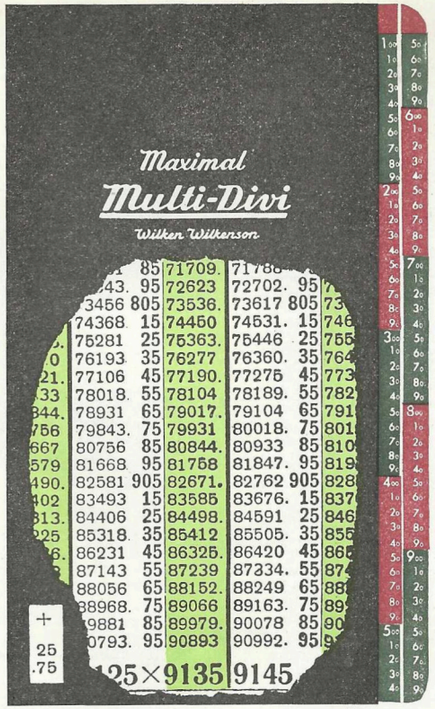
200 pages . . . 90 index tabs . . . Price $9.



The Triplex Multi-Divi contains the 90 Standard and the 90 Super tables, plus 90 tables 9995 x 99, as illustrated above.

Ex. 8955 x 83 = 743265
8965 x 97 = 869605

290 pages . . . 135 index tabs . . . Price $12.



The Maximal contains the 90 Standard, 90 Super and 90 Triplex tables, plus 90 tables 9995 x 995, as illustrated above. Note. Adjoin 25, at a point 75, to the product.

Ex. 9135 x 875 = 7993125
9145 x 955 = 8733475

380 pages . . . 180 index tabs . . . Price $15.

WHAT USERS SAY

"We are decidedly pleased with your Multi-Divi. Find it absolutely accurate, a great timesaver and a very great asset."
Babcock - Angell Lbr. Co., New York, N. Y.

"Your compact tables are a big step in solving the expensive calculator problem. Very efficient for rapid work."
Arthur Young & Co., Milwaukee, Wis.

"I find the Multi-Divi beyond expectations; it fills a place in work beyond anything I have seen. I use it daily."
Geo. B. Wheeler, Treas., Middleburg, N. Y.

"We think the Multi-Divi is a very excellent help. It occupies an unique place all its own and is very useful."
Rex Engineering Corp'n, Dunkirk, N. Y.

"Of considerable assistance in our figuring."
Havaiian Pineapple Co., San Francisco, Calif.

"I think the Multi-Divi is a great improvement over any calculator that I have ever used. Personally I would not part with it for many times its purchase price and not be able to get another."
The Gloucester Lumber Co., R. J. Reese, Rosman, N. C.

"The Multi-Divi is accurate, timesaving and extremely useful for anyone who uses figures."
The Trinchera Timber Co., Denver, Colo.

"It is a wonderful device with a great saving of time and energy."
Proctor & Schwartz, Philadelphia, Pa.

"We think it one of our best friends and a splendid book in every particular."
Morice Jute Mills, Philadelphia, Pa.

"Far above expectations. Every office should have a copy."
Walters Gas Co., Walters, Oklahoma.

"Will go on record as saying that the Multi-Divi is more speedy than any machine we have ever used."
H. D. Conkey & Co., Mendota, Ill.

"Saves a great amount of time and the strain of carrying figures when multiplying. Worth many times the price."
Jno. F. Cahill, Auditor, Cheraw, S. C.

"I think the Multi-Divi a wonder. Use my name any time or in any way that will help to get one into every office in the U.S.A."
Riley & French, E. S. Grant, No. Attleboro, Mass.